

L 04786-67
ACC NR: AP6024468

are estimated and it is found that the characteristic fields are of intensity 0.1 v/cm in the case of the electric field, and 10^4 and 10^2 Oe for the strong and weak fields, respectively. The author thanks F. V. Bass, V. L. Gurevich, and G. Ye. Pikus for a discussion of the work and valuable remarks, and also T. M. Lifshits, A. Ya. Oleynikov, and A. Ya. Shul'man for a preprint of their paper prior to publication. Orig. art. has: 4 figures, 8 formulas, and 1 table.

SUB CODE: 20/ SUBM DATE: 07Dec65/ ORIG REF: 007/ OTH REF: 001

Cord 2/2 pha

L 07088-67 EWT(1)
ACC NR: AP6018998

SOURCE CODE: UR/0109/66/011/006/1076/1085

33
21
B

AUTHOR: Levinson, I. B.; Fridberg, P. Sh.

ORG: none

TITLE: Slot junctions of rectangular single-mode waveguides. Numerical results

SOURCE: Radiotekhnika i elektronika, v. 11, no. 6, 1966, 1076-1085

TOPIC TAGS: rectangular waveguide, waveguide junction, WAVE GUIDE IRIS

ABSTRACT: Design formulas are reported describing the components of an equivalent circuit which represents an infinite waveguide with a narrow cross slot in its wider wall and also represents a semi-infinite waveguide with a narrow cross slot in its end. Numerical results are presented for a concentrated parameter of the above equivalent circuits; they were calculated for iris and parallel junctions of rectangular waveguides for various lengths l , width d , and

Card 1/2

UDC: 621.372.831.4

L 07088-67
ACC NR: AP6018998

12

position x_0 of the slot; the results are valid with any $1/\lambda$ ratio. A simple formula is derived for the case of central slot and sinusoidal voltage; this formula permits calculating the equivalent circuit of the junction between rectangular waveguides having equal widths but different heights. The above results are compared with some data published by other authors. "The authors wish to thank Ya. N. Fel'd, L. D. Bakhraph, L. A. Vaynshteyn, B. Z. Katsenelenbaum, M. L. Levin and A. L. Fel'dshteyn for fruitful discussions. Computer work was carried out at the Latvian University by A. Brodskaya and S. Khozioskiy, directed by L. A. Ladyzhenskiy. All graphic material was prepared by G. Yermolovich and I. L'yova." Orig. art. has: 9 figures, 20 formulas, and 2 tables.

SUB CODE: 09 / SUBM DATE: 08Feb65 / ORIG REF: 009 / OTH REF: 004

Card 2/2

L 22539-66 EWT(1)

ACC NR: AP6009422

SOURCE CODE: UR/0020/66/166/006/1335/1337

AUTHORS: Levinson, I. B.; Fridberg, P. Sh.

ORG: none

31
28
B

TITLE: Variational principle for the scattering matrix in the case
of electromagnetic coupling between two volumes

SOURCE: AN SSSR. Doklady, v. 166, no. 6, 1966, 1335-1337

TOPIC TAGS: scattering matrix, waveguide coupling, scattering cross
section, Green function, tensor, waveguide iris

ABSTRACT: The authors develop a variational principle for the scattering cross section on the basis of an integral equation which they have derived earlier (DAN, v. 153, no. 2, 310, 1963) as an extension of a more limited integral equation derived by H. Levine and J. Schwinger (Comm. Pure and Appl. Math. v. 3, 355, 1950). The electrodynamic properties of the volume are characterized by an affinor wave admittance between two elementary areas at different points, and by an affinor (tensor) Green's function with the standard boundary con-

Card 1/2

L 22539-66

ACC NR: AP6009422

ditions for an ideal metal. The authors obtained first the connection between the wave admittance of a waveguide junction and the scattering matrix of this junction. This is then extended to a compound waveguide junction consisting of two junctions coupled through an aperture. The formulas obtained are valid also in the case when one of the junctions is a resonator or when its waveguides operate beyond cutoff. The procedure proposed can be used in those cases when the affinor Green's functions of the joined volumes (with metallized aperture) are known or can be obtained by some approximate method. The authors thank L. A. Vaynshteyn and Ya. N. Fel'd for a discussion of the work. This report was presented by Academician V. A. Fok. Orig. art. has: 2 figures and 12 formulas.

SUB CODE: 20/ SUBM DATE: 14Jun65/ ORIG REF: 002/ OTH REF: 002

Card 2/2 Blk G

LEVINSON, I. G.

AID P - 5092

Subject : USSR/Engineering

Card 1/1 Pub. 128 - 21/26

Author : Levinson, I. G., Kand. Tech. Sci.

Title : Industrial electronics (Survey of Techniques Abroad)

Periodical : Vest. mash., 5, 87-90, My 1956

Abstract : This article describes various electronic calculating and tabulating machines, as well as the electronic control equipment used in foreign countries, particularly in the USA. 10 references.

Institution : None

Submitted : No date

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1

LEVINSON, I. I.

High Speed Aerodynamics; Gas Dynamics, Moscow Oborongiz, 1950, 352pp.

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

LEVINSON, I.M.; SKVORTSOVA, A.Ye.

Polarographic method for the quantitative determination of
1-chloro-1,3-dibromopropane in the presence of 1-chloro-3-bromo-
propane. Zhur. anal. khim. 20 no.10:1116-1121 '65.

(MIRA 18:11)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut
azotnoy promyshlennosti, Moskva.

LEVINSON, L.; FEDOROVA, R.

Faster and better; yarn dyeing in the KT-100 apparatus. Mest.prom.i
khud.promys. 2 no.1:16 Ja '61. (MIRA 14:4)

1. Glavnnyy inzhener fabriki imeni Menzhinskogo, Moskva (for Levinson).
2. Zaveduyushchiy laboratoriyy fabrikci imeni Menzhinskogo (for Fedorova).

(Dyes and dyeing—Apparatus)

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1

LEVINSOHN, L.B.

"Treatise on Zoology" Vol. 1 (p.119) by Professors E.G. Bekker, I.I. Ezhikov, L.B. Levinson, A.A. Paramonov; Edited by B.S. Matveev and Prof. L.B. Levinson; Reviewed by D. van der Flaas

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XIV, 1942, No. 1

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1

LEVINSON, L. B. (Docent); ROSKIN, O. I. (Prof.); KULAYEV, S. I. (Prof.)

Microscopic Technique (Mikroskopicheskaya Tekhnika, Izdatel'stvo Sovetskaya Nauka, 1946.

Abstract, W-13777, 29 Sep 50

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

CA

II I

Connection between basophilic substances in the cell and neurosecretion. L. B. Levinson and O. N. Platonova (M. V. Lomonosov State Univ., Moscow). *Doklady Akad. Nauk S.S.R.* 58, 1700-72(1947). - Kramin, of the brain of honey bees by a staining technique showed that ribonucleic acid does not participate in formation of secretory granules and is located largely perinuclearly. No connection is found between the no. of secretory granules and degree of basophilicity. However, a definite connection between formation of neurosecretion and thymonucleic acid does exist; an unusually low concn. of thymonucleic acid is found in nuclei contg. neurosecretion. G. M. K.

Local. Inst.,

11P

CA

Content of ribonucleic acid in cells during mitosis. Iu. I. Levinson and Z. P. Kusarskay (Moscow State Univ.) Izdat. Nauk. S.S.R. 58, 2057-70 (1917) -- Specimens of neuroblasts of bee larva brain, epithelial cells of oviduct and nerve and basal skin layer of frog were studied histologically. In initial stage of mitosis ribonucleic acid decreases and isotrophic properties of the nucleus increase; then the nucleus loses its identity and ribonucleic acid appears in the cell fluid and at the beginning of the metaphase very little of it is present in the cell. In telophase ribonucleic acid gradually rises in the protoplasm and at the time of regeneration of the nucleus it reaches normal level. G. M. Konoplyannikov

LEVITSON, L. B.

USSR/Medicine - Muscles, Chemistry
Medicine - Ribonucleic Acid

Jun 49

"Role of the Intracellular Reticular Structure and Ribonucleic Acid in the Formation of Neurosecretions," L. B. Levinson, I. A. Utina, Inst of Zool, Moscow State u imeni M. V. Lomonosov, 3 pp

"Dok Ak Nauk SSSR" Vol LXIV, No 5

Describes study methods and specimens and concludes that neurosecretion is of an albuminous nature. Submitted by Acad A. I. Oparin, 12 Apr 49.

PA 50/49T55

USSR/Medicine - Cells, Physiology Apr 49
Medicine - Proteins

"The Interrelation of Nucleic Acids During Mitosis
in an Organism's Process of Development," L. B.
Levinson, N. D. Lagova, Inst of Zool, Moscow
State Univ M. V. Lomonosov, 4 pp

"Dok Akad SSSR" Vol LIV, No 4

Attempts to: (1) Trace the interrelation of both
nucleic acids (ribo- and thymo-) of the cell
during mitosis at different stages of ontogenetic
development of the organism. (2) Clarify the
similarity and difference of nucleic acid

41/49T52

USSR/Medicine - Cells, Physiology Apr 49
(Contd)

exchange during cell division of the same tissue
in animals of different systematic positions.
(3) Establish whether types of nucleic acid
interrelations during mitosis established previously
extend to all types of tissues. Submitted by
Acad A. I. Oparin, 3 Feb 49.

41/49T52

Medicine - Cells, Physiology May 49
Medicine - Zoology

"Cytology of the Neurosecretive Process in Amuran Amphibia," L. V. Levinson, I. A. Utina, Inst of Zool, Moscow State U imeni M. V. Lomonosov, 4 pp.

"Dok Ak Nauk SSSR" Vol LXVI, No 2

Presents results obtained from cytological research on the neurosecretory activity of *Bufo bufo*, *Bufo viridis* and *Bombina bombina*. Notes there are marked differences in the cell organization of similar animals. Submitted 11 Mar 49.

52/49F55

LEVINSK, I. B.

USSR/Medicine - Acid, Ribonucleic
Tissue, Connective 21 Nov 49

"Ribonucleic Acid in the Connective Tissue Cells
of Mammals," L. B. Levinson, M. N. Pavlova, Inst
of Zool, Moscow State U imeni Lomonosov, 3½ pp

"Dok Ak Nauk SSSR" Vol LXIX, No 3

Prepared slides by a given method with specimens
of inflamed connective tissues of mice, rabbits,
and doves. All data obtained showed that fibro-
blasts in the connective tissue of adult animals
differed according to their stage of development.
They originate in the cambial cells, develop,
pass through their life cycle which in turn is

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USSR/Medicine - Acid, Ribonucleic 21 Nov 49
(Contd)

connected with the life cycle of the body, and
then degenerate. Observed accumulation of
ribonucleic acid during processes of inflamma-
tion, which caused increased basophilia of fibro-
blasts and histiocytes. Mobilization and number
of fibroblasts in inflamed areas show they prepare
the way for intensive albumin synthesis, increase
in metabolism, and rapid disintegration of many
albuminous substances. Submitted 1 Oct 49 by
Acad A. I. Oparin.

158167

LEVINSK, L. B.

Morphology of secretion in the neurosecretory cells. Doklady
Akad. nauk SSSR 83 no. 5:745-748 11 Apr 1952. (CLML 22:2)

1. Presented by Academician Ye. N. Pavlovskiy 14 January 1952.
2. Soil Biology Institute, Moscow State University imeni M. V. Lomonosov.

1. LEVISON, L. P.; LYKINA, N. I.
2. USSR (600)
4. Nerves; Cells
7. Amitotic division of the neural cell nucleous. Dokl. AN SSSR 84 no. 1, 1952. Moskovskiy Gosudarstvennyy Universitet im. M. V. Lomonosova, Red. 25 Dec 1951
9. Monthly List of Russian Accessions, Library of Congress, September 1952.
UNCLASSIFIED.

Ye. S. Karpov, and I. B. Levinson, Praktikum po obshchey histologii (General Histological Practice), "Sovetskaya knika" Press, 1953.

The booklet gives a description of preparations and processes which serve as practical studies for students. For comparative-histological study of materials, the booklet presents the histological study of materials, histological structures of representatives of various animal classes of the world. Much attention is devoted to the innervation (sensory and motor), both of the skin, and of inner organs.

The booklet is intended for state university students, and may also be used by biology students of other institutes.

SO: Sovetskije knigi (Soviet Books), No. 186, 1953, Moscow, (U-677)

ABRIKOSOV, G.G.; BANNIKOV, Andrey Grigor'yevich; BEKKER, E.G.; BOBRINSKIY,
Nikolay Alekseyevich; LEVINSOHN, L.B.; MATVEYEV, Boris Stepanovich,
professor; PARAMONOV, A.A.; GINZATYVA, M.S., tekhnicheskij redaktor

[A course in zoology; in two volumes] Kurs zoologii; v dvukh tomakh.
Pod obshchej red. V.S.Matveeva. Izd. 5-e. Moskva, Gos. izd-vo
"Sovetskaja nauka." Vol. 2. [Chordata] Khordovye. 1956. 443 p.
(Chordata) (MLRA 10:2)

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

USSR/Human and Animal Morphology. Nervous System.

3

Abs Jour: Ref Zhur-Biol., No 15, 1958, 69596.

Author : Levinson L.B., Tokhtarysova R.A.

Inst : Academy of Sciences USSR.

Title : Histochemical Study of Developing Motor Neurons of
the Spinal Cord in White Mice.

Orig Pub: Dokl. AN SSSR, 1956, Vol. 109, No 3, 621-623.

Abstract: Prior to the tenth day of embryonal growth, there
is no evidence of tigroid [-chromophile corpuscles] in
in the motor cells, but there is abundant RNA in
the cytoplasm. After the appearance of fetal move-
ments, tigroid is distributed in clumps throughout
the cell body of the neurons, and the amount of
RNA in the cytoplasm and the nucleolus diminishes.
In newborn mice the amount of RNA is even less,

Card : 1/2

12

LEVKINSON, L.B.

ROSKIN, Grigoriy Iosifovich; LEVKINSON, L.B.; IGORAT'YEVA, G.M., red.;
PARSADANOVA, K.G., red.izdatel'stva; GAMZAYEVA, M.S., tekhn.red.

[The technique of the microscope] Mikroskopicheskaiia tekhnika.
Izd.3-e. Pod obshchei red.O.I.Roskina. Moskva, Gos.izd-vo
"Sovetskaiia znaniia," 1957. 466 p. (MIRA 10:12)
(Microscope--Technique)

20-3-15/46

AUTHORS: Levinson, L. B., Pankova, N. V., Shapiro, N. I.

TITLE: The Effect of X-Ray Irradiation Upon the Duodenum and the Intramural Ganglia of the Plexus Myentericus (Auerbach) and the Intramural Ganglia of the Plexus Submucosus (Meissner) (Vliyaniye rentgenovskogo obлучeniya na dvenadtsatiperstnuyu kishku i intramural'nyye ganglia Auerbakhova i Meyssnerova spleteniy)

PERIODICAL: Doklady AN SSSR, 1957, Vol. 116, Nr 3, pp. 404 - 406 (USSR)

ABSTRACT: One of the most essential problems of the effect of radiation upon mammalia to be solved experimentally concerns the effect of damage of the central and vegetative nervous system by radiation. In view of this the comparative investigation of a damage produced within some organ and within nerve cells innervating in this particular organ is most important. In this respect the duodenum of mice and the intramural ganglia, mentioned in the title, present the most appropriate experimental objects. The investigation was limited to the comparison of changes which occur in the cells of the epithelium of the vascular plexus (Brunneri) and in the nerve cells of the intramural ganglia of the intestine. For this purpose the authors tried to study the morphological changes and also to trace

Card 1/3

20-3-15/46

The Effect of X-Ray Irradiation Upon the Duodenum and the Intramural Ganglia
the Plexus Myentericus (Auerbach) and the Intramural Ganglia of the Plexus
Submucosus (Meissneri)

the earliest changes in the nerve cells which are engaged with the perturbation of the interchange. The authors determined the deoxyribonucleic acid, the ribonucleic acid and the acid phosphatase. The mice were all irradiated with a total dose of 5000 r. At this dose the so-called "intestine form of the radiation death" occurs. The mice died after 1,5; 3; 6; 24 and 72 hours after the treatment. The preparing and the investigation of the preparation are discussed. 1,5 hours after the treatment clearly discernible destructive processes in the vascular plexus (Brunneri) can be observed. After 3 hours these destructive processes occur also in other parts of the epithelium. After 3, 6 and 24 hours these processes communicate to the cells of the vascula plexus (brunneri), whereby the cells are even more deformed. The boundaries between the cells disappear, most of the nuclei are destroyed and the rest becomes unnaturally large. In the bodies of the nerve cells of the intramural ganglia no deformations of the morphological structures at all were observed. More details will be given. The investigation discussed in this place demonstrates the extraordinary sensibility against radiation of the epithelium cells of the vascula plexus (Brunneri)

Card 2/3

20-3-15/46

The Effect of X-Ray Irradiation Upon the Duodenum and the Intramural Ganglia of the Plexus Myentericus (Auerbachi) and the Intramural Ganglia of the Plexus Submucosus (Meissneri)

There are 3 figures, and 5 references, 2 of which are Slavic.

ASSOCIATION: Institute for Biophysics of the AN USSR; State University imeni M.V. Lomonosov, Moscow
(Institut biologicheskoy fiziki Akademii nauk SSSR ; Moskovskiy Gosudarstvennyy universitet im. M. V. Lomonosova)

PRESENTED: July 1, 1957, by Ye. N. Pavlovskiy, Academician

SUBMITTED: April 18, 1957

AVAILABLE: Library of Congress

Card 3/3

LEVINSKY, L. (Moscow)

"Functional Histochemical Investigations of Nerve Cells"

Soviet paper presented at the 15th Int'l. Congress of Zoology, London, 16-23 Jul 58

17(4)
AUTHORS:

Levinson, L. B., Popova, L. D.,
Sakharov, D. A.

SOV/20-124-6-37/55

TITLE:

Histochemistry of the Nerve Cells of the Auditory Ganglion in Connection With the Development of Their Functions in the Course of Ontogenesis in Axolotl Embryos (Gistokhimiya nervnykh kletok slukhovogo gangliya v svyazi s formirovaniyem ikh funktsiy v ontogeneze zarodyshey aksolotlya)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 6, pp 1317-1320
(USSR)

ABSTRACT:

Experiments by which the functional histochemistry of the nerve cells in connection with the occurrence of certain kinds of physiological activity during the ontogenesis of these cells is studied represent one of the ways in order to synchronize physiological and morphological data or to find adequate action methods according to their quality and intensity (Refs 1-3). The authors carried out experiments for the purpose of clarifying the period of time at which the specific functional activity of the above-mentioned cells commences; simultaneously their histochemistry at various stages of development of the embryo was studied. Apparently the occurrence of physiological

Card 1/3

Histochemistry of the Nerve Cells of the Auditory Ganglion in Connection With the Development of Their Functions in the Course of Ontogenesis in Axolotl Embryos SOV/20-124-6-37/55

activity cannot or rather is said not to agree with the period of time of functional development of the labyrinth analyzer apparatus as a whole. For this reason the maturity of ganglionic cells cannot be judged from the period of time of development of regulative and coordinating influences which originate from the labyrinths. The nerve cells of the ganglion begin to exercise their specific influence on the brain somewhat earlier. At first this influence has merely a tonic expression (Ref 10). If the extent of this reflex in the case of normal embryos is compared to that of embryos the auditory vesicles and auditory ganglia of which were removed at earlier stages, said extent increases parallelly in both cases up to a certain period of time (limit of the 36 and 38 stages according to Garrison) until suddenly differences occur: this extent further increases in the case of intact embryos whereas in the case of operated embryos it no longer increases or, if so, only very slowly. Apparently at this period of time the tonicizing effect of ganglion cells on the motor systems of the brain is established. In the experiments carried out the following data were obtained:

Card 2/3

Histochemistry of the Nerve Cells of the Auditory Ganglion in Connection With the Development of Their Functions in the Course of Ontogenesis in Axolotl Embryos SOV/20-124-6-37/55

in the cells of the developing auditory ganglion in the case of an axolotl certain age-conditioned concentration changes in ribonucleic acid and glycogen were observed. An abrupt change takes place in both cases in the "G" stage. This period of time corresponds to the 11th day of embryo development on which (according to the physiological experiment) the specific functional activity starts in the ganglion cells. The temporal concurrence of histochemical and physiological changes leads to the conclusion that the above-mentioned histochemical changes are functionally conditioned. There are 1 table and 15 references, 8 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova
(Moscow State University imeni M. V. Lomonosov)

PRESENTED: November 1, 1958, by Ye. N. Pavlovskiy, Academician

SUBMITTED: November 1, 1958
Card 3/3

LEVINSON, L. R., KOLOMINA, S. M., KUDRYASHOVA, N. YE.

"Vitamin C in the Nerve Cells of Animals in Various Functional States."

report submitted for the First Conference on the problems of Cyto and
Histochemistry, Moscow, 19-21 Dec 1960.

Chair of Cytology and Histology of the Biological-Soil Faculty of Moscow State
University Imeni M. V. Lomonosov.

KIRPICHNIKOVA, Yelena Sergeyevna; LEVINSON, Leon Bentgianovich; LNYKINA,
M.I., red.; SIDOROVA, V.I., red.izd-va; TITOVA, L.L., tekhn.red.

[Course on the histology of some tissues and organs of the body]
Praktikum po chastnoi gistolologii. Pod obshchoi red. L.B. Levinsona.
Moskva, Gos.izd-vo "Vyschaisia shkola," 1960. 175 p.

(MIRA 13:12)

1. Kafedra gistolologii Moskovskogo gosudarstvennogo universiteta
im. M.V. Lomonosova.
(HISTOLOGY)

LEVINSOHN, L.B.; LEVKINA, M.I.

Cytochemistry of sensory and motor cells of the spinal cord of
the chick embryo as related to their function at various stages
of development. TSitologija 2 no.1:9-28 Ja-F '60. (MIRA 13:5)

1. Kafedra gistolozii Biologo-pochvennogo fakul'teta Moskovskogo
universiteta.

(SPINAL CORD)

ABRIKOSOV, G.G.; BANNIKOV, Andrey Grigor'yevich; BEKKER, E.G.;
BOBRINSKIY, Nikolay Alekseyevich; LEVINSON, L.B.; MATVEYEV,
Boris Stepanovich, prof.; PARAMONOV, A.A.; PETROVSKAYA, L.P.,
red.izd-va; YEZHOOVA, L.L., tekhn.red.

[Zoology course in two volumes] Kurs zoologii v dvukh tomakh.
Pod red.B.S.Matveeva. Izd.6. Moskva, Gos.izd-vo "Vysshiaia shkola."
Vol.1. [Invertebrate zoology] Zoologija bespozvonochnykh. Pod red.
G.G.Abrikosova i L.B.Levinsona. Izd.6. 1961. 561 p. Vol.2.
[Vertebrate zoology; Chordata] Zoologija pozvonochnykh; khordovye.
Pod red. B.S.Matveeva. Izd.6. 1961. 473 p.

(MIRA 14:6)

(Zoology)

LEVINSON, L.B.; LEYKINA, M.I.

Functional cytochemical study of sensory and motor cells of the
spinal cord in rat embryos. TSitologija 3 no.4:446-454 J1-Ag '61,
(MIRA 14:8)

1. Kafedra tsitologii i histologii Moskovskogo universiteta.
(SPINAL CORD) (EMBRYOLOGY--MAMMALS)

LEVINSON, L.B.; IZAKOVA, L.P.

Variations in the ribonucleic acid content of motor nerve cells in
Callyphora erytrocephala as related to their functional state. Dokl.
AN SSSR 137 no.6:1448-1451 Ap '61. (MIRA 14:4)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
Predstavлено академиком Ye.N.Pavlovskim.
(Nucleic acids) (Nervous system--Insects)

CUFALO, Ye.Ye.; LEVINSON, L.B.; SAKHAROV, D.A.; SOKOLOVA, G.P.

Cytology of Marthner's nerve cells in larvae of the crested newt.
Dokl. AN SSSR 141 no.6:1469-1472 D '61. (MIRA 14:12)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Predstavleno akademikom Ye.N.Pavlovskim.
(Nervous system--Amphibia) (Medulla oblongata) (Histochemistry)

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1

KIRPICHNIKOVA, Yelena Sergeyevna; LEVINSON, Leon Bentsianovich;
CHERKASOVA, V.I., red. izd-va; GARINA, T.D., tekhn. red.

[Laboratory manual of general histology] Praktikum po obshchei
gistologii. Pod obshchei red. L.B. Levinsona. Izd.2. Moskva,
Vysshiaia shkola. 1962. 235 p. (MIRA 16:2)
(HISTOLOGY--LABORATORY MANUALS)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

LEVINSON, L. B.

Dissertation defended at the Institute of Animal Morphology imeni
A. N. Severtsov for the academic degree of Doctor of Biological Sciences:

"Functional-Histochemical Investigations of Nerve Cells."

Vestnik Akad Nauk, No. 4, 1963, pp. 119-145

KIRPICHNIKOVA, Yelena Sergeyevna; LEVINSON, Leon Bentsianovich;
KAPYSHEVA, V.S., red.; GARINA, T.D., tekhn. red.

[Laboratory manual of sectional histology] Praktikum po
chastnoi gistologi. Izd.2. Pod obshchei red. L.B.Levinsona.
Moskva, Vysshiaia shkola, 1963. 171 p. (MIRA 16:8)
(Histology--Laboratory manuals)

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1

YELISEYEV, V.G., prof., red.; KOPAYEV, Yu.N., red.; LEVINSON, L.B.,
red.; KUZ'MINA, N.S., tekhn.red.

[Histology] Gistologiia. Moskva, Medgiz, 1963. 671 p.
(MIRA 16:12)
(HISTOLOGY)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

LEINSOM, L.B.; KOLOMINA, S.M.; KUDRYASHOVA, M.Ye.

Comparative and functional cytochemistry of vitamin C
in nerve cells. Arkh. anat., glist. i embr. 44 no.2:10-17
(MIRA 17:2)
F '63.

1. Kafedra tsitologii i histologii biologo-pochvennovo
fakul'teta (zav. - prof. G.I. Roskin) Moskovskogo gosu-
darstvennogo universiteta imeni Lomonosova.

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1

LEVISON, I.B.

On the 70th birthday of Professor Grigorii Iosifovich Roskikh.
1892 -- ; Tsvitologia 5 no.3:356-358 My-Je '63. (M'PA 17:5)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

LEVINSON L. B.

Mikroskopicheskaya Tekhnika [by] G. I. Roskin and L. B. Levinson. Izd. 3.
Moskva, "Sovetskaya Nauka", 1957

446 p. Illus.

Bibliography: p. 433-438

LEVINSOHN, L.G.; TOKHTAMYSOVA, R.A.

Histochemical investigation of developing motor cells of the spinal cord
in the white mouse. Dekl. AN SSSR 109 no.3:621-623 J1 '56.

(MIRA 9:10)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova. Pred-
stavлено akademikom Ye.N. Pavlovskim,
(SPINAL CORD)

USSR/Human and Animal Physiology (Normal and Pathological).
Nervous System. Human Electroencephalogram.

T

Abs Jour: Ref Zhur-Biol., No 17, 1958, 80019.

Author : Levinson, L.L.

Inst :

Title : Influence of Interoceptive Signalization From the
Female Sexual Sphere on the Electric Activity of the
Cerebral Cortex.

Orig Pub: Sb. nauchn. tr. Kafedry akushерства i ginekol. 1-y
Leningr. med. in-t, 1957, vyp. 1, 131-133.

Abstract: No abstract.

Card : 1/1

94

LEVINSON, L.L.

Change in the electrical activity of the brain of women during pregnancy under the influence of exteroceptive and interoceptive signals.
Akush.i gin. 35 no.5:8-15 S-0 '59. (MIRA 13:2)

1. Iz kafedry akusherstva i ginekologii (zaveduyushchiy - prof. I.I. Yakovlev) i Leningradskogo meditsinskogo instituta imeni akad. I.P. Pavlova.

(PREGNANCY, physiol.)
(ELECTROENCEPHALOGRAPHY)

LEVINSON, L.L.

Change in the functional state of the brain in women during
pregnancy according to electroencephalographic data. Sbor.
nauch.trud.Kaf.akush. 1 gin. 1 IMI no.28142-149'61.
(MIRA 16:7)

(PREGNANCY) (ELECTROENCEPHALOGRAPHY)

LEVINSON, L.L.

Effect of the stirring of the fetus on the bioelectric activity
of the brain. Sbor.nauch.trud.Kaf.akush. i gin. 1 LMI no.2:
150-154'61. (MIRA 16:7)
(FETUS) (ELECTROENCEPHALOGRAPHY)

LEVINSOHN, L.L., kand. med. nauk; DAVYDOV, S.M., kand. med. nauk

Therapeutic effect of anodic galvanization of the brain in
prolonged pregnancy. Akush. i gin. 39 no.5:13-21 8-0 '63.
(MIRA 17:8)

1. Iz kafedry akusherstva i ginekologii (zav. - zasluzhennyy
deyatel' nauki prof. I.I. Yakovlev) I Leningradskogo medi-
tsinskogo instituta imeni Pavlova.

LeVINSON, L.L.

Poliomyelitis in women during the second half of pregnancy.
Akush. i gin. no.1:125-126 '60. (MIRA 17:6)

1. Iz kafedry akusherstva i ginekologii (zav. - zasluzhennyj
deyatel' nauki prof. I.I. Yakovlev) i Leningradskogo meditsinskogo
instituta imeni I.P. Pavlova (dir. - A.I. Ivanov).

LEVINSON, L.S., inzh.

8-492 unit for unloading loose materials. Stroi. i dor. mash.
6 no. 9:19-21 S '61. (MIRA 14:10)
(Loading and unloading)

ACC NR: AP6035714 (AN) SOURCE CODE: UR/0413/66/000/019/0061/0061

INVENTOR: Berkovich, M. Ya.; Gulerman, V. S.; Levinson, L. M.; Matyushin, P. N.; Popov, V. A.

ORG: none

TITLE: UM-1 lubricating grease. Class 23, No. 180598

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 61

TOPIC TAGS: lubricant, low temperature lubricant, antioxidant additive, diphenylamine, grease/UM-1 grease

ABSTRACT: An Author Certificate has been issued for UM-1 lubricating grease made from mineral oil, cerezin, and an antioxidant additive. To increase the low-temperature properties of the grease, vinyl cyclohexane is suggested as an additional ingredient. Diphenylamine is used as the antioxidant additive.
[Translation]

[NT]

SUB CODE: 11/SUBM DATE: 01Jul65/

Card 1/1

UDC: 621.892.5.621.892.091

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1

Document

See IIC

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

LEVINSON, M.; SERGEYEV, I.

Responsibility for the violation of traffic regulations. Avt.
transp. 38 no. 5:31 My '60. (MIRA 14:2)
(Traffic violations)

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1

LEVINSON, M.

Responsibility for violating traffic regulations. Avt.transp 39
no.1:48-49 Ja '61. (MIRA 14:3)
(Traffic violations)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1

LEVISON, M.

When traffic regulations are forgotten. Avt.transp. 39 no.4:44-45
Ap '61. (MIRA 14:5)
(Traffic accidents)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1

LEVINSON, M.

Reaction time. Avt.transp. 40 no.1:45 Ja '62. (MIRA 15:1)
(Automobile drivers)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

LEVISON, M.I.

Efficacy of various methods in treatment of trichomonal vaginitis. Akush.gin. No.6:42-44 Nov-Dec 50. (CLML 20:5)

1. Of the Division of Female Gonorrhea of the Ukrainian Scientific-Research Skin-Venereological Institute (Director--Prof. A.M.Krichevskiy).

LEVINTER, M. Kh.

LEVINTER, M. Kh. -- "Study of the Kinetics, Chemistry and Mechanism of the Process of Coking." Sub 13 May 52, Moscow Order of Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin. (Dissertation for the Degree of Candidate in Technical Sciences).

SO: Vachernaya Moskva, January-December 1952

LEVINTER, M.Kh; IVANOVSKIY, G.F.; SMIRNOV, N.P.; GALIMOV, Zh. F.;
GALINICH, Ye.T.; GIMAEV, R.N.

Modernization of catalytic cracking units at the Novoufimsk
Petroleum Refinery. Khim. i tekh.topl.i masel 6 no.7:1-6
Jl '61. (MIRA'14:6)

1. Novo-Ufimskiy neftepererabatyvayushchiy zavod i
Upravleniye nerudnykh iskopayemykh.
(Novoufimsk—Cracking process—Equipment and supplies)

LEVINSON, M. M.

"The treatment of frostbite with radiant energy and therapeutic exercise in the open healing method", Authors: G. L. Kanevskiy, Ye. R. Tsitritskiy, M. M. Levinson, and F. Ye. Orel, in the collection: Boyevaya travma nervnoy sistemy, Khar'kov, 1948, p. 296-99.

SO: U-3261 10 April 53 (Letopis - Zhurnal 'nykh Statey No. 11, 1949)

157/135... No. 11.

"Cytophograms of the Tonsils as Indicators of Local Regeneration in Scarlet Fever,"

Pediatriya, No. 2, 1948.

Nbr., Clinic Children's Diseases, Med. Inst., Min. Public Health RSFSR, at Hosp. in
Russakov, -cl948-.

L. M. LEVINSON, M. M.

LEVINSON, M. M.

Penicillin therapy of scarlet fever in children. Fel'disher
& akush. No. 11, Nov. 50. p. 19-21

CJNL 20, 3, March 1951

LEVINSON, M. M.: ROGINSKAYA, P. A.

Ultraviolet Rays-Therapeutic Use

"Cold quartz" irradiation of tonsils in scarlet fever. Pediatrilia No. 3, 1952.

Monthly List of Russian Accessions, Library of Congress October 1952. Unclassified.

LEVINSON, M.M., kandidat meditsinskikh nauk (Moskva)

Course of acute dysentery in infants and its treatment. Yel'd. i
akush. 21 no.2:11-13 F '56. (MLRA 9:5)
(DYSENTERY) (INFANTS--DISEASES)

LEVINSON, M.M., laund.med.nauk

"How to prevent gastrointestinal diseases in children" by T.S.
Sokolova. Reviewed by M.M.Levinson. Med.sestra 18 no.8:47
Ag '59. (MIRA 12:10)

(ALIMENTARY CANAL--DISEASES)
(SOKOLOVA, T.S.)

ACC NR: AP6025643

(N)

SOURCE CODE: UR/0413/66/000/013/0094/0094

INVENTOR: Dushits-Kogan, G. D.; Levinson, M. M.; Baranov, A. P.; Bol'shakov, D. F.; Fokin, B. P.

ORG: None

TITLE: Instrumentation for operating conditions of a gas turbine engine with a free turbine. Class 42, No. 183445

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 94

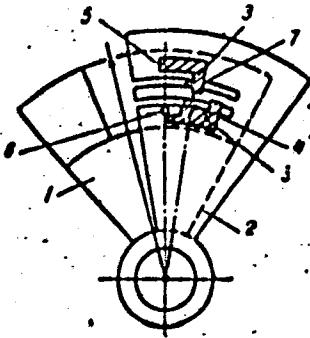
TOPIC TAGS: gas turbine engine, test instrumentation

ABSTRACT: This Author's Certificate introduces instrumentation for operating conditions of a gas turbine engine with a free turbine. The unit contains tachometers, pressure and temperature pickups at the intake, a computer and meter. Operating conditions in the engine are determined by combining the computer and the meter. The combined unit is made in the form of two disc sectors with pins and guide cams. One of the sectors indicates cruising conditions while the other indicates nominal engine conditions.

Cord 1/2

UDC: 531.781:621.433

ACC NR: AP6025643



1 and 2—disc sectors;
3-6—pins; 7 and 8—
guide cams

SUB CODE: 13, 21/ SUBM DATE: 16May63

Card 2/2

40338

S/194/62/000/006/126/232
D256/D308

11 1310 (also 3419, 4419)
AUTHORS: Levinson, M.S., and Komolova, G.S.

TITLE: Chemical changes occurring in water under the influence of ultrasound

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 6, 1962, abstract 6-5-41 sh (V sb. Primenenije ul'traakust. k issled veshchestva, no. 12, M., 1960, 151-158)

TEXT: The multitude of chemical processes taking place under irradiation of matter with ultrasound cannot be explained without taking into account the chemical changes that occur in water under the influence of ultrasound. The effect was investigated of distilled water irradiated with ultrasound at various conditions, on solutions of potassium iodide and dyes. The influence of factors determining the chemical action of ultrasound was eliminated in a series of experiments, so that it was possible to investigate the effect of the changes of the medium on the chemical processes and to observe the chemical changes taking place in water under various con-

Card 1/2

"APPROVED FOR RELEASE: 07/12/2001

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APPROVED FOR RELEASE: 07/12/2001

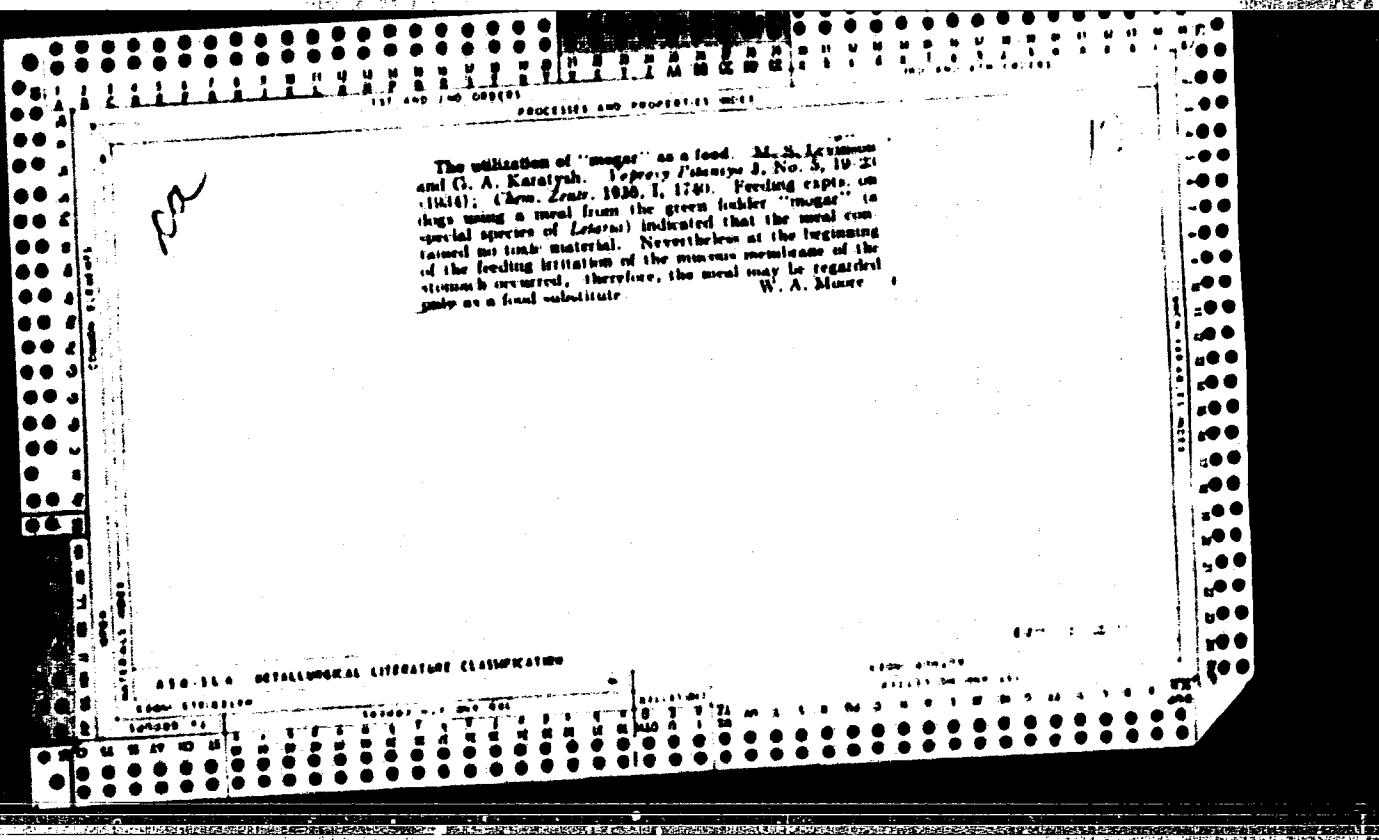
CIA-RDP86-00513R000929620002-1"

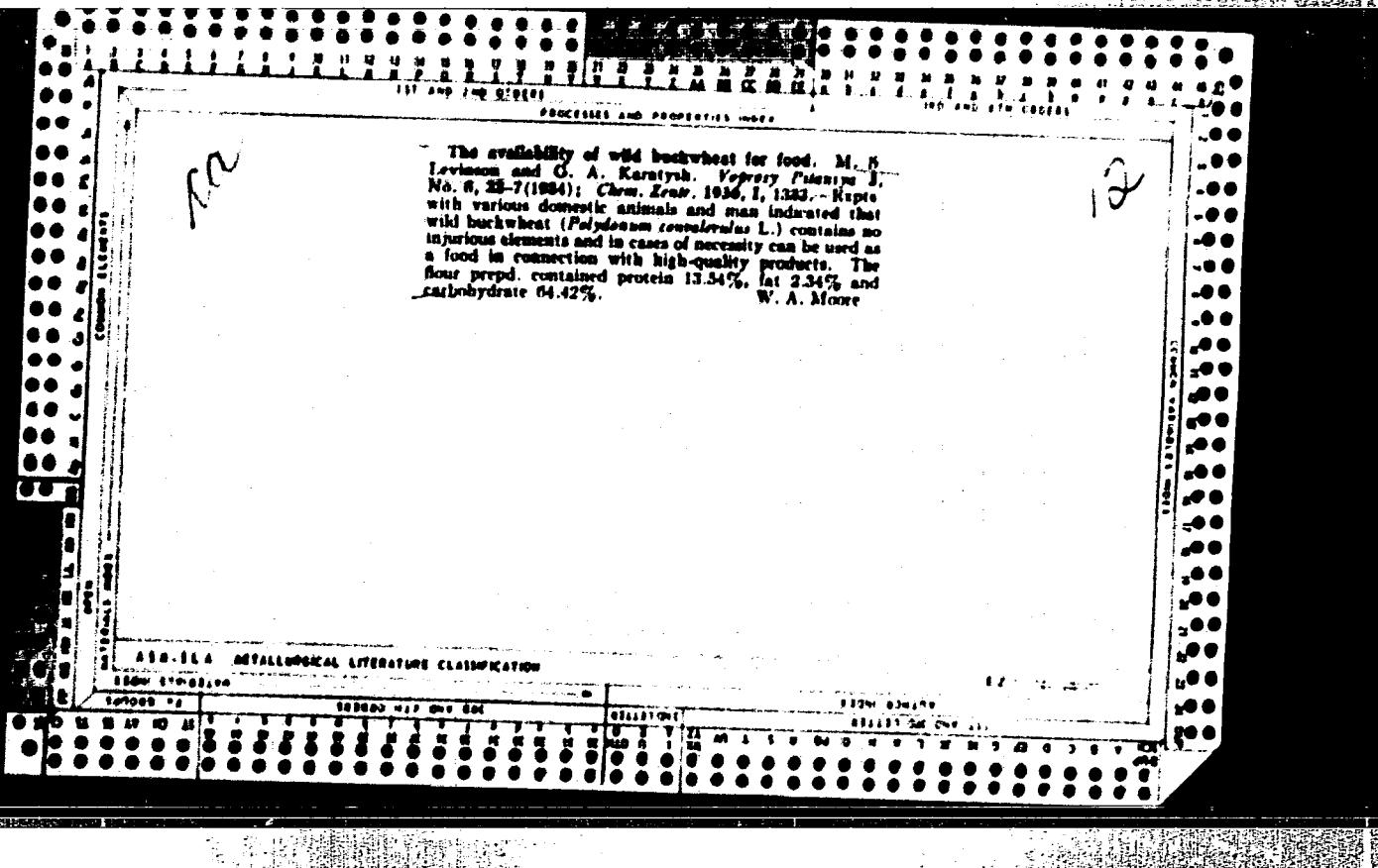
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APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"





CA

114

The concentration of carotene in the blood and its distribution in the organs in relation to the manner of its administration, the solvent and the dose. M. S. Levinson, F. T. Chubbenko and V. M. Kushto. Khim. Zhurn. (U.S.S.R.) 15, 1000 (1937); Chem. Zentr. 1938, I, 4670.—Expts. on guinea pigs, rabbits and rats are reported. Neither after long-continued peroral administration of carotene in oil nor after feeding with carrots could any symptoms of A-hypovitaminosis be detected. Intravenous administration of a colloidal soln. of carotene was likewise tolerated, as was also the injection of 0.5 cc. of an oil soln. when continued for 10 days. For human beings 2-3 cc. of an oil soln. administered intravenously is noninjurious. M. G. Stone

LEVINSON, A.S.

CA

18

A simplified drop method of vitamin A and carotene determination. M. S. Levinson and V. M. Kashko. *Lab. Pract.* (U. S. S. R.) 1936, No. 6, 17-19. - Briefs of filter papers are treated with a small. amo. of $\text{HgCl}_2 \cdot 12\text{H}_2\text{O}$ in 90% $\text{C}_2\text{H}_5\text{OH}$. A drop of carotene soln. in petr. ether gives a blue coloration even when the concn. is 0.13 % of carotene. A standard color scale dets. the concn. The method gives in some cases up to 10-30% deviations, but is recommended for mass orienting dets. W. R. Henn

AB-164 METALLURGICAL LITERATURE CLASSIFICATION

LEVINSKII, M. A.

Clinical aspects of the experimentally induced B-avitaminosis Rostov na Donu,
Rostovskoe oblastnoe knigoizdatel'stvo, 1939. 247 p.

LEVINSON, M.S.; KOMOLOVA, G.S.; GUREVICH, F.A.

Mechanism of the action on *Protozoa* of water subjected to ultrasonic radiation. Izv. Sib. otd. AN SSSR no.8:114-116 '59.
(MIRA 13:2)

1. Institut fiziki Sibirskogo otdeleniya AN SSSR i Krasnoyarskiy meditsinskiy institut.
(*Protozoa*) (Ultrasonic waves--Physiological effect)

GUREVICH, F.A.; LEVINSON, M.S.; KOMOLOVA, G.S.

Effect of water exposed to ultrasonic waves on infusorians.
Uch. zap. Kras. gos. ped. inst. 15:253-255 '59. (MIRA 14:12)
(Ultrasonic waves—Physiological effect)
(Infusoria)

LEVINSON, M.S.; KOVROV, B.O.

Effect of ultrasonic waves on distilled water. Biokhimia 24
no.3:535-538 My-Je '59. (MIRA 12:9)

1. Laboratory of Biophysics, Institute of Physics, Academy of
Sciences of the U.S.S.R., Krasnoyarsk.

(HEMOGLLOBIN,

eff. of distilled water exposed to ultrasonics
(Rus)).

(WATER,

eff. of distilled water exposed to ultrasonics
on hemoglobin (Rus))

(ULTRASONICS, eff.
same)

GUREVICH, F. A.; LEVINSON, M. S.

Effect of hydra of water irradiated with ultrasound. Izv. Sib. otd.
AN SSSR no. 3:126-128 '60. (MIRA 13:10)

1. Krasnoyarskiy meditsinskiy institut i Krasnoyarskiy Institut
fiziki Sibirskogo otdeleniya AN SSSR.
(Hydrozoa) (Ultrasonic waves—Physiological effect)

LEVINSON, M.S.; KOVROV, B.G.

Photoelectric investigations of the kinetics of oxyhemoglobin splitting under the influence of alkalis and acids. Biofizika 5 no.1:28-33 '60. (MIR 13:6)

1. Institut fiziki AN SSSR, Krasnoyarsk.
(HEMOGLOBIN chem.)

KOMOLOVA, G.S.; LEVINSON, M.S.

Effect of ultrasound on yeast cells as related to the nature of
the surrounding gas. Izv. Sib. otd. AN SSSR no. 11:130-134 '60.
(MIRA 14:1)

1. Institut fiziki Sibirskogo otdeleniya AN SSSR.
(Ultrasonic waves—Physiological effect)
(Yeast)

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1

LEVINSON, M.S.; KOVALEV, B.G.

Mechanism of oxidation of ultrasound. Izv.Sib.otd.AN SSSR no.12:67-
77 '60. (MIRA 14:2)

1. Institut fiziki Sibirskogo otdeleniya AN SSSR, g.Krasnoyarsk.
(Ultrasonic waves) (Oxidation)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

11.1200

S/058/62/000/003/063/092
A061/A101

AUTHORS: Levinson, M. S., Komolova, G. S.

TITLE: Effect of acoustic irradiation conditions of water on the yield of final products formed in it

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1962, 44, abstract 30359 (Sb. "Primeneniye ul'traakust. k issled. veshchestva", no. 12, Moscow, 1960, 151-158)

TEXT: A substance, chemically more active than H₂O, was established in degassing water subjected to acoustic irradiation; apparently, it is Bach's peroxide H₂O₄.

[Abstracter's note: Complete translation]

Card 1/1

KOMOLOVA, G.S.; LEVINSON, M.S.

Role of chemical substances formed in water under ultrasonic
irradiation in the damaging effect of ultrasonic waves on yeast cells.
Izv. Sib. otd. AN SSSR no. 5:80-85 '61. (MIRA 14:6)

1. Institut fiziki Sibirskogo otdeleniya AN SSSR, Krasnoyarsk.
(Ultrasonic waves--Physiological effect)
(Yeast)

ACCESSION NR: AP4015146

S/0290/63/000/003/0143/0145

AUTHOR: Levinson, M. S.; Fedin, V. M.

TITLE: The different effect of ultrasonic oscillations on the electrophoretic movement of protein fractions in human blood plasma

SOURCE: AN SSSR. Sib. otd. Izv., no. 12. Ser. biologo-med. nauk, no. 3, 1963, 143-145

TOPIC TAGS: human blood, blood serum protein fraction, blood plasma protein fraction, ultrasonic biological action, protein fraction electrophoretic movement, electrophoregram, 800 kc ultrasonic frequency

ABSTRACT: This investigation was carried out to determine whether ultrasonic oscillation acts specifically on the separate protein fractions of vibrated blood serum and vibrated plasma. Nondiluted blood serum and plasma samples taken from different human donors were vibrated in test tubes at 800 kc at an intensity of 7.6 w/cm^2 for 1 hr at room temperature. Experimental and control samples were analyzed by electrophoresis (EFA-1 unit) and electrophoregrams were made. Statistical processing of findings shows that electrophoretic

Card 1/2

ACCESSION NR: AP4015146

distribution shifts of protein fractions for vibrated blood and for vibrated serum are the same. Protein is found to increase in the alpha₁-, alpha₂-, and beta-globulin fractions of vibrated blood and serum. These increases indicate that during vibration the separate protein fractions change their electrical properties related to their electrophoretic movement rate. The possibility that the splitting of albumin and gamma-globulin molecules with ultrasonic action may also affect the relative increase of alpha- and beta-globulins is not excluded. The mechanism of ultrasonic biological action requires further investigation. Orig. art. has: 2 tables.

ASSOCIATION: Krasnoyarskiy gosudarstvennyy meditsinskiy institut,
(Krasnoyarsk State Medical Institute); Institut fiziki Sibirsogo otdeleniya
AN SSSR, Krasnoyarsk (Physics Institute of the Siberian Division, AN SSSR)

SUBMITTED: 31Aug62 DATE ACQ: 13Mar64 ENCL: 00
SUB CODE: LS NR REF Sov: 010 OTHER: 003

Card 2/2

"APPROVED FOR RELEASE: 07/12/2001

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APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620002-1"

CODDINGTON, Earl Alexander; LEVISON, Norman; LEVITAN, B.M. [translator]

[Theory of ordinary differential equations] Teoriia obyknovennykh
differentsial'nykh uravnenii. Perevod s angliiskogo B.M. Levitana.
Moskva, Izd-vo inostrannoi lit-ry, 1958. 474 p. Translated from
the English.

(MIRA 12:11)

(Differential equations)

25(3)

PHASE I BOOK EXPLOITATION

SOV/1784

Levinson, Nikolay Grigor'yevich, Deceased

Mekhanizatsiya upravlencheskogo truda /orgatekhnika/ (Mechanization
of the Management Jobs /Organization Techniques/) Vol 1.
Moscow, Mashgiz, 1958. 386 p. 4,000 copies printed.

Reviewers: S.S. Geydysh, Engineer, M.V. Gintzburg, Engineer,
M.V. Lugovoy, Engineer, I.S. Reznik, Engineer, and V.V. Troyanovskiy,
Engineer; Ed.: T.P. Timofeyevskiy, Engineer; Ed. of Publishing
House: G.I. Barykova; Tech. Ed.: B.I. Model'; Managing Ed. for
Literature on the Economics and Organization of Production (Mashgiz):
T.D. Saksaganskiy.

PURPOSE: The book is intended for supervisors in industrial establish-
ments and their subdivisions, planners, dispatchers, economists,
accountants and other managerial workers; it may also be useful
to engineering and technical personnel engaged in production
management.

Card 1/4

Mechanization of the Management Jobs (Cont.)

SOV/1784

COVERAGE: This book describes basic trends in the mechanization of industrial control operations and reviews methods of mechanizing the system of communicating and signaling between management and production. It includes data on the reproduction and processing of various documents with the aid of dictaphones, typewriters, duplicating machines, and nomenclatural addressographs. The book also discusses methods for utilizing these aids and describes their technical aspects and principles of operation. The author thanks I.S. Reznik, B.B. Veyze, L.N. Kachalina, S.B. Grossman for their assistance. There are 74 references of which 47 are Soviet, 25 English, and 2 German.

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Mechanization of the Management Jobs (Cont.) SOV/1784

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OF DOCUMENTS. FLAT CARD INDEXES

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AVAILABLE: Library of Congress	

JG/ad
6-25-59

Card 4/4

SAPOZHNIKOV, V.M. (Moskva, pos. Novo-Gireyevo, 6-y prospekt, d.34);
LEVINSON, O.S.

Perforation of an ulcer of the esophagus into the right common
carotid artery. Vest.khir. no.9:124-125 '61. (MIRA 15 3)

1. Iz khirurgicheskogo otdeleniya (zav. - I.A. Shukhgalter)
Moskovskoy gorodskoy bol'nitsy No.47.
(ESOPHAGUS—ULCERS) (CAROTID ARTERY—ULCERS)